CANADA-ALBERTA Crop Insurance

ALBERTA Hail Insurance

15th Annual Report
Year Ended March 31, 1983

ALBERTA HAIL AND CROP INSURANCE CORPORATION

Agriculture Canada

Alberta AGRICULTURE

Table of Contents

Board of Directors 2

Corporation Officers 2

Letter of Transmittal 3

Directors' Report 4

Activities of the Board of Directors 4

Alberta Hail Insurance Program . 5

The 1982 Hail Insurance Season 5

Chronological Summary of Major Hail Storms 5

Canada-Alberta Crop Insurance Program 6

1982 Crop Conditions 6

The 1982 Crop Insurance Season 6

Changes in the Crop Insurance Program in 1982 7

Honey Insurance Program 7

Alfalfa Insurance Program 7-8

Hay and Pasture Insurance Program 8

Hail Insurance Endorsement 8

Special Assistance for High Risk Areas 8

Auditor-General's Report 9

Financial Statements 9-18

Appendix A Comparative Hail Insurance Statistics 19

Appendix B Comparative Crop Insurance Statistics ... 20-21

Participation / Experience for Grain/Oilseed Crops ... 20-23

Summary of Experience for Special Crops 24-25

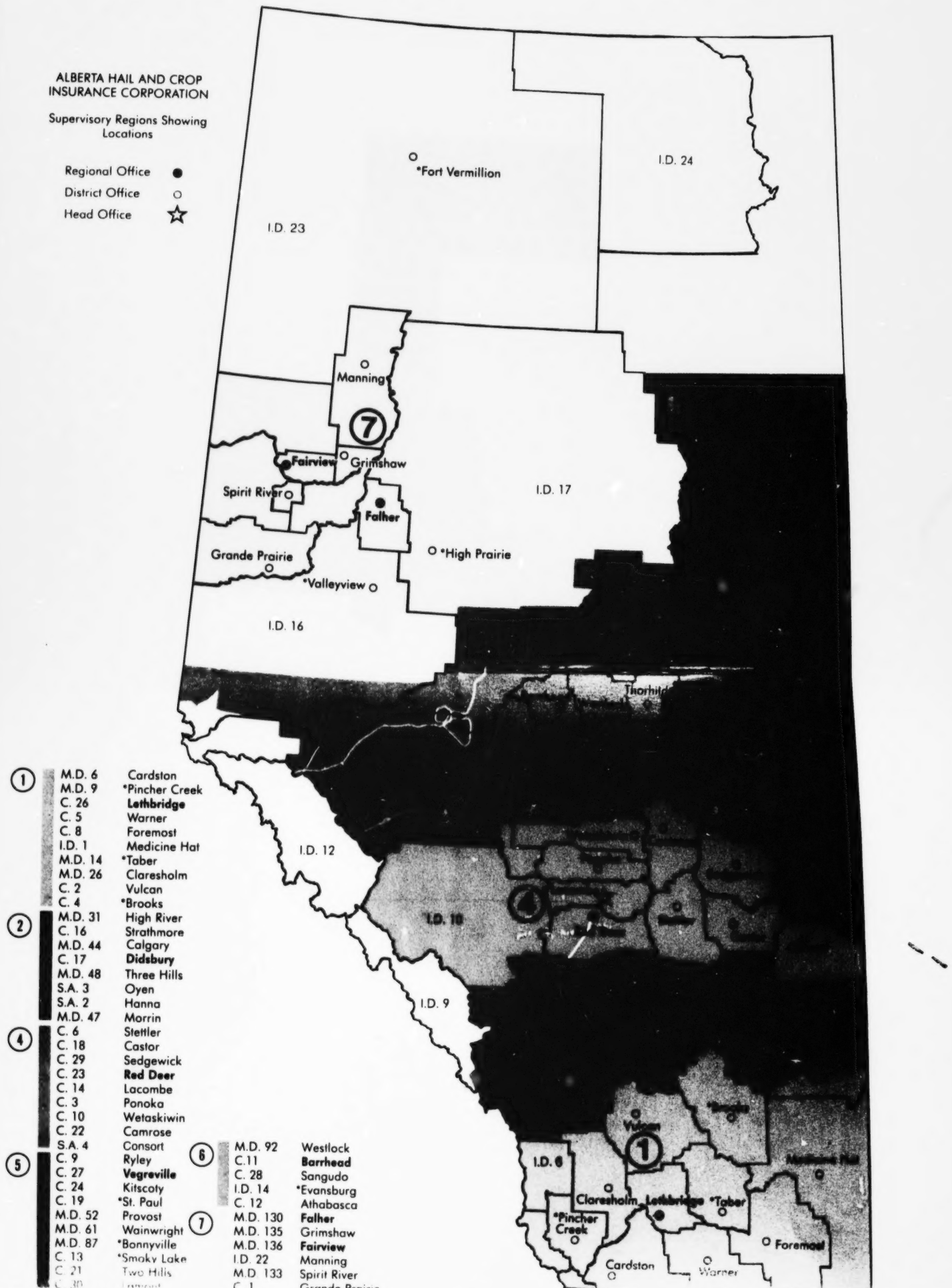
Summary of Experience for Vegetable Crops 24

Cumulative Experience for Basic Program and Hail Endorsement 26-27

Hail Endorsement Experience for Grain and Oilseed Crops 1982 28

Inside front cover
Regional area map with district offices

Backleaf
Risk areas map of the province of Alberta



[illegible] days only. Regional Offices in boldfaced type.

C. — County, M.D. — Municipal District, I.D. — Improvement District, S.A. — Special Area

Board of Directors

James P. Christie - Chairman
Trochu

Robin Wallace - Vice-chairman
Barrhead

James W. Daines - Director
Innisfail

Albert Kooy - Director
Lethbridge

John Langelier - Director
Falher

Frank J. Schwengler - Director
St. Paul

Gordon E. Stromberg M.L.A.
Director
New Norway

James M. McKay - Executive Secretary Board of Directors
Calgary

Principal Officers

Edwin A. Patching - General Manager

L.G. Bannerman - Comptroller

Louis H. Nelson - Office Manager

Rodney A. Rains - Director of Research

A.E. (Bert) Sager - Director of Country Operations

Auditor:

D.W. Rogers, C.A.
Auditor General - Province of Alberta

BOARD OF DIRECTORS
JAMES P. CHRISTIE, CHAIRMAN
ROBIN WALLACE, VICE-CHAIRMAN
JAMES DAINES
ALBERT KOOY
JOHN LANGELIER
FRANK SCHWENGLER
GORDON STROMBERG, M.L.A

E.A. PATCHING, GENERAL MANAGER

J. M. McKAY, EXECUTIVE SECRETARY TO BOARD OF DIRECTORS

ALBERTA HAIL AND CROP INSURANCE CORPORATION

TELEPHONE 782-4661

5718 - 56TH AVENUE
BAG SERVICE #16
LACOMBE, ALBERTA
T0C 1S0

July 29, 1983

The Honourable LeRoy Fjordbotten
Minister of Agriculture
418 Legislative Building
EDMONTON, Alberta
T5K 2B6

Sir:

I have the honour of submitting herewith the Fifteenth Annual Report of the Alberta Hail and Crop Insurance Corporation.

This report is submitted in accordance with Section 9 of the "Hail and Crop Insurance Act" being Chapter H-1 R.S.A. 1980 and contains a summary of operations and the audited financial statements for the fiscal year ending March 31, 1983.

I trust this report will be of interest to you.

Respectfully submitted,

James P. Christie
Chairman, Board of Directors

ALBERTA HAIL AND CROP
INSURANCE CORPORATION

Directors' Report

Fiscal Year Ending March 31, 1983

The Alberta Hail and Crop Insurance Corporation is a crown corporation of the Province of Alberta which was established under the authority of the Hail and Crop Insurance Act (1969) being Chapter H-1 R.S.A. 1980. This Act which became effective on April 1st, 1969 provided for the merger of the Alberta Hail Insurance Board and the Alberta Crop Insurance Corporation. Since the merger the Corporation has administered two separate insurance programs: Hail Insurance and "At-Risk" Crop Insurance.

The Alberta Hail and the Canada-Alberta crop insurance programs, although administered by one staff, have been operated quite separately. The need for this separation is apparent from the fact that the Hail Insurance program is self-sustaining and receives no government subsidies, whereas all administrative costs of the Crop Insurance program are paid by the Government of Alberta and, in addition, the Government of Canada pays one-half of the overall premium costs.

While administration and adjusting for both programs are carried out by the same employees, resulting in considerable operating efficiencies, a separate accounting of all expenses is kept for each plan. Wherever possible, expenses are allocated directly to each program. Unallocated costs are apportioned on the basis of the number of contracts in force in a given year. For the 1982-83 fiscal year, unallocated costs were shared on the basis of 30% to hail insurance and 70% to crop insurance.

Activities of the Board of Directors

In conducting the affairs of the Corporation the Directors held twelve regular monthly meetings. The April meeting was held in Peace River in conjunction with a meeting that the Corporation had arranged in Peace River to discuss problems relative to its insurance programs in that particular region. Representation from the Agriculture Development Committees along with the Regional Director, Mr. Eric Horton, and the District Agriculturists of the region were invited to the meeting. The Corporation extends its appreciation to Mr. Horton for arranging this meeting. The meeting proved to be very successful and this type of meeting will likely become the pattern for the regional meetings of the future.

The January meeting was held in Edmonton so as to provide the Directors with the opportunity to attend portions of the Annual Meeting of Unifarm. It also provided the Directors with the opportunity to meet with the newly appointed Minister of Agriculture, the Honourable LeRoy Fjordbotten. The March meeting was held in conjunction with a series of eight public meetings held in the Peace River Region on March 7, 8, 9 and 10. These meetings were arranged to provide farmers of the region the opportunity to discuss the provisions of the Northern Drought Disaster Crop Advance Assistance Program and to provide the Corporation with the opportunity of explaining the changes in the crop insurance program for 1983-84.

Special Board Meetings were held on August 30 and on October 27. The August 30 meeting was held in Edmonton with officials of Alberta Agriculture to discuss proposals relative to providing emergency assistance to the drought ravaged Peace River region. The October 27 meeting was held in Lethbridge to deal with problems of that area and in conjunction with a regional meeting of October 28 and 29. The proceedings of the regional meeting were largely devoted to problems peculiar to the insurance of crops grown under irrigation.

In addition to its regular monthly meetings and its special meetings the Board was fully represented at the Western Regional Crop Insurance Conference on June 9 in Regina. This conference was called to provide authorities of the Western Region an opportunity to discuss problems common to the region.

Regional and District Offices

In the 1982-83 fiscal year, the Corporation continued to operate service offices at fifty-three (53) centres in Alberta. Seven of these district offices were also designated as Regional Offices from which the affairs of the Corporation for the region were administered. These offices are listed on the inside front cover of this report.

Alberta Hail Insurance Program

The Hail Insurance Program offers farmers protection against crop loss caused by the single hazard of hail on all crops grown in Alberta. Most crops can be insured to the maximum of $125.00 per acre. This coverage is available to all farmers in Alberta and may be purchased singly or in addition to the coverage available under other crop insurance programs.

1982 Hail Insurance Season

Hail Insurance sales in 1982 amounted to $262,552,900 of actual risk written with $15,123,405 of premium income being generated, which was an increase as compared to the business written in 1981 of $224,898,138 of risk and $13,193,649 of premium. This increase was largely due to the favorable crop prospects that existed over most of Alberta in 1982 with the exception of the north-east, east-central and the Peace River regions and the increasing need for farmers to protect themselves against higher input costs.

In establishing premiums for the year, rates were increased in 146 townships and decreased in 358 townships. This adjustment resulted in a 2.42% reduction in premium when based on the business experience of the previous year. It also resulted in a reduction of the average premium rate across the province from 5.87% to 5.72%.

Hail losses under this program in 1982 totalled $17,522,054 or 115.9% of the year's premium income which was a record loss in terms of the annual loss-to-premium experience and which was much higher than the long-term average annual experience of 72.82%. Hail was recorded on 35 days as compared to the 45-year average of 51 days. However, the storms occurring in 1982 were larger in size and more severe than the average. The adjusting staff inspected 2,361 claims under this program in 1982. The detailed experience under this program in 1982 and for previous years is outlined under Appendix A of this report.

Premium Refund

Because of the unfavorable hail loss-to-premium experience in 1982 the Corporation was able to refund only the guaranteed 10% of premium to those non-claimant policyholders whose accounts had been paid in full by March 31, 1983. This guaranteed refund amounted to $1,126,104 in the 1982-83 fiscal year.

Reserves

The total reserves for hail insurance were decreased by $4,274,390 during the 1982-83 fiscal year to a revised total of $10,612,016.

Reinsurance Treaty

The Corporation's Reinsurance Treaty with Lloyds of London was not renewed in 1982 as the Directors were dissatisfied with the terms and conditions of the treaty. An investigation toward a more acceptable reinsurance arrangement was instigated late in the 1982-83 fiscal year.

Hail Insurance Agreement with the Eastern Irrigation District

The agreement under which the Alberta Hail and Crop Insurance Corporation undertakes to supply hail insurance coverage on all crops grown in the Eastern Irrigation District was continued in 1982. The basic purpose of the agreement is to supply hail insurance coverage which is approximately equal to the water rate charged in 1982. This agreement called for a blanket coverage of $7.20 per acre on a 10% deductible basis at a premium of 19.5 cents per acre.

Chronological Summary of Major Hail Storms in Alberta in 1982

June 14 - Three Hills, Beaverlodge
27 - High River to Brooks
30 - Red Deer, Lacombe to Ryley

July 9 - Strathmore to Drumheller
21 - Rocky Mountain House to Kitscoty, Foremost to Medicine Hat
25 - Westlock to Smoky Lake, Athabasca, Stettler, High River to Taber, Cardston to Taber

August 1 - Ponoka to Sedgewick, Hussar
2 - Didsbury to Hanna
4 - Smoky Lake to St. Paul
10 - Sedgewick to St. Paul, Strathmore to Oyen, Cardston to Taber
11 - Red Deer to Kitscoty
15 - Kitscoty
16 - Warner to Medicine Hat
19 - Lacombe to Mirror
23 - Ponoka, Barrhead to St. Paul
27 - Eaglesham to Falher
28 - Morrin

Canada-Alberta Crop Insurance Program

The Crop Insurance program is a plan which offers farmers a guarantee that regardless of the weather, they will receive a minimum return from their insured crops. It is intended to take much of the risk out of farming and to enable the farmer to plan ahead confident that his income in any year will not drop below a certain level. In most cases, the guarantee to an insured is closely related to his costs of production.

The Crop Insurance program provides protection against crop loss caused by all of the natural hazards. An insured farmer is guaranteed a specified number of bushels of a specified grade for each insured crop on the farm unit. If production falls below the insurance coverage, the insured is paid the difference at a pre-selected dollar value per bushel.

The Crop Insurance program also provides protection against hail on a spot-loss basis through an endorsement to the basic policy. Through this endorsement, the insured may receive payment for a loss on any part of each insured crop.

The Government of Canada provides financial assistance to the Canada-Alberta Crop Insurance Program by contributing 50 per cent of the total premium required each year. The federal government's contribution to this program totalled $35.8 million for 1982. The Government of Alberta contributes all of the administrative costs, plus a premium subsidy in high risk areas, which together totalled $5.52 million in 1982.

1982 Crop Conditions

Extended cool temperatures during the spring slowed seeding over most of the province in 1982. The seeding of spring grain and oilseed crops was not completed until nearly mid-June which was considerably later than last year and about ten days later than average. Soil moisture was good at seeding time in all areas except the Peace River district where dry conditions prevailed.

Rainfall was very limited in all areas north of Red Deer throughout June and early July. Drought conditions were extreme in the North-Peace. Crop conditions improved during mid-July following rainfall and warmer temperatures in the northern portion of the province while southern areas became increasingly dry which reduced yields on all grain crops.

Harvesting began in southern regions by mid-August and in northern regions by mid-September where rainfall and early frosts delayed swathing. Threshing was general south of Calgary by mid-September and in the area north of Red Deer by the end of September. Despite interruptions due to inclement weather harvesting was virtually complete in all areas but the South Peace by the end of October.

On a provincial basis yields for all crops were not as high in 1982 as in the previous year but were still above the past ten-year average. The chief causes of loss in 1982 were (1) drought in the Peace River and north-eastern regions; (2) extreme hail loss in central and southern Alberta; and (3) early frost in many northern districts. The Alberta Wheat Pool reports 1982 per acre yields as follows: winter wheat - 993 kg (36.5 bus.), spring wheat - 866 kg (31.8 bus.), oats - 992 kg (65 bus.), barley - 1009 kg (46.3 bus.), rye - 805 kg (31.7 bus.), flaxseed - 480 kg (18.9 bus.), and canola - 452 kg (19.9 bus.).

The 1982 Crop Insurance Season

Participation in the Crop Insurance program in 1982 showed a 1.19% decrease from 1981 in terms of the number of contracts, but a 2.78% increase in terms of the acreage of eligible crops insured. The total liability assumed by the basic crop insurance program rose to the record high level of $547,384,181. Indemnity payments of $30,615,403 were paid on 4,288 claims which had been generated under the basic program. When related to the total premium income for the year of $44,254,265 a loss-to-premium experience of 69.18% was indicated, which was slightly below normal.

The total losses paid in 1982 under the basic crop insurance program and its endorsements were as follows:

		Number of Claims	Losses
Basic Crop Insurance Program	—	4,288	$30,615,403
Hail Endorsement	—	3,448	31,795,862
Unseeded Acreage Endorsement	—	17	11,353
Reseeding Benefit	—	289	408,408
Winterkill Benefit	—	82	223,845
Hay and Pasture Insurance	—	729	1,049,857
Honey Insurance Program	—	47	1,240,718
Alfalfa Insurance Program	—	95	239,056
		8,995	$65,584,502

Changes in the Crop Insurance Program for 1982

Changes in the Crop Insurance program for 1982 may be summarized as follows:

(1) Price Options

Price options per kilogram upon which premiums and indemnities were paid in 1982 were as follows:

Grain Crops	Option #1	Option #2	Option #3
	(Dollars Per Kilogram)		
Spring Wheat	.10	.12	.15
Durum Wheat	.10	.12	.15
Utility Wheat	.09	.11	.14
Winter Wheat	.09	.11	.14
Soft Spring Wheat	.09	.11	.14
Oats	.06	.08	.10
Barley	.07	.09	.12
Mixed Grain	.06	.08	.10
Rye (Spring and Fall)	.06	.08	.13
Canola (Rapeseed)	.16	.20	.25
Mustard	.14	.17	.22
Flax	.16	.20	.26

Special Crops	Option #1	Option #2	Option #3
Grain Corn	$.114/kg	$.123/kg	$.137/kg
Seed Peas	$.22/kg	$.26/kg	
Dry Beans	$.42/kg	$.53/kg	
Dryland Potatoes	$66/tonne	$88/tonne	
Irrigated Potatoes	$66/tonne	$88/tonne	

Vegetable Crops	Option #1	Option #2	Option #3
	(Coverage in Dollars Per Acre)		
Peas	$313/acre	$335/acre	$358/acre
Beans	$228/acre	$309/acre	$330/acre
Corn	$234/acre	$251/acre	$268/acre
Carrots	$434/acre	$470/acre	$506/acre

(2) New Programs Added

(a) Honey Insurance Program

A program to provide insurance coverage for honey production was provided for the first time in 1982. Under this insurance the producer may elect a coverage based on either 70% or 80% of the five-year average yield for the district concerned at a price of 63 cents per pound. A deductible feature has been included into the program where the producer assumes the risk for the first 65 pounds of production. Premiums for this insurance range from 3.54% to 4.92% at the 70% coverage level and from 5.15% to 6.66% at the 80% level. The Province of Alberta contributes an amount equal to the producer's premium and pays all the administrative costs of the program. The Government of Canada does not participate in this program.

Extremely dry conditions in the honey producing areas of the province were responsible for heavy losses under this program in 1982. A Summary of Experience is as follows:

Policyholders	62
Number of Hives Insured	61,782
Actual Risk	$2,450,995
Net Premium	$ 252,877
Number of Claims Paid	47
Total Claims Paid	$1,240,718
Loss-to-Premium	490.64%
Loss-to-Risk	50.62%

(b) Alfalfa Insurance Program

A program to provide coverage for alfalfa grown for pelleting was introduced for the first time in 1982. This program is based in the Falher area where approximately 25,000 acres are under contract to two pelleting plants. Coverage of $30.50 per acre for a premium of $2.50 was available to the producer in 1982. The Government of Canada provided a premium subsidy equal to the farmer's share under this program.

Again, extremely dry conditions in the area caused heavy losses in 1982. A Summary of the Experience for 1982 is as follows:

Policyholders	95
Actual Risk	$ 962,625
Acres Insured	25,670
Net Premium	$ 154,020
Total Claims Paid	$ 239,056
Loss-to-Premium	155.21%
Loss-to-Risk	24.83%

(3) **Hay and Pasture Program Extended**

The Hay and Pasture Program which had been offered previously in Central Alberta and in the Municipal Districts along the Foothills of Southern Alberta was extended in 1982 to that portion of the Special Area #2 which lies north of the Red Deer River.

In 1982 farmers were permitted to insure their hay crops based on a one-growth period or on a two-growth period. Under the one-growth period the maximum coverage was set at $70 per acre in the western counties and at $50 per acre in eastern counties. Under the two-growth period maximum coverage was increased in 1982 to $100 per acre in the western portion but remained at $60 per acre in the eastern portion of the region.

Production under this program is calculated using rainfall data submitted by policyholders and rainfall, temperature and sunshine records from official weather stations. This is done on a daily basis by taking into account the soil moisture and the heat units available for growth. Total production during the growth period is expressed as a percentage of the long-term normal production and then averaged by quarter-townships.

The Summary of Experience for the Hay and Pasture Program for 1982 and the two preceding years is as follows:

	1980	1981	1982
Policyholders	964	1,041	729
Acres Insured	130,764	145,008	122,071
Actual Liability	$ 6,457,660	$ 8,462,330	$ 6,539,250
Total Premiums	$ 628,476	$ 964,580	$ 799,148
Number of Claims	613	331	375
Total Awards Paid	$ 761,655	$ 460,501	$ 1,049,857
Loss-to-Premium Ratio	121.19%	47.74%	131.37%
Loss-to-Risk Ratio	11.79%	5.44%	16.05%

Hail Insurance Endorsement

Spot-loss hail insurance was again offered in 1982 as an endorsement to the crop insurance contract. This coverage was available to contractholders who had elected the endorsement prior to May 1 on those crops listed on the Report of Seeded Crops.

In 1982 the hail endorsement was elected by 15,671 contractholders for a total liability of $460,665,000. A total premium of $25,702,090 was generated and indemnities of $31,795,000 were paid to 3,448 claimants. The loss-to-premium experience under this endorsement of 123.70% was considerably higher than the long-term experience of 90.34%. The detailed experience under this program for 1982 and for previous years is outlined under Appendix B of this report.

Special Assistance for High Risk Areas

The Province of Alberta continued in 1982 to pay one-half of the farmer's crop insurance premium, which is in excess of a 6% premium rate for crops insured at the 60% level of coverage, and 7½% for crops insured at the 70% level of coverage. This subsidy, which began in 1975, is reflected in lower premium rates to farmers in those areas where the need for protection is the greatest. In 1982, 10,964 insureds were subsidized under the agreement.

The total amount of the subsidy paid to date is as follows:

1975	$ 942,711
1976	871,043
1977	936,661
1978	1,194,799
1979	1,426,396
1980	1,500,884
1981	1,421,741
1982	1,375,895
TOTAL	$9,670,130

Alberta Hail and Crop Insurance Corporation

Financial Statements March 31, 1983

Auditor's Report

Balance Sheet

Statement of Revenue, Expenditure and Reserve - Crop Insurance

Statement of Revenue, Expenditure and Reserve - Hail Insurance

Notes to the Financial Statements

Schedule of Administration Expenses - Crop Insurance

Schedule of Administration Expenses - Hail Insurance

Schedule of Trust Assets and Liabilities

Schedule of Trust Revenue, Expenditure and Unexpended Funds

Financial Statements

AUDITOR'S REPORT

To the Board of Directors of the
Alberta Hail and Crop Insurance Corporation

I have examined the balance sheet of the Alberta Hail and Crop Insurance Corporation as at March 31, 1983 and the statements of revenue, expenditure and reserves for the year then ended. My examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as I considered necessary in the circumstances.

In my opinion, these financial statements present fairly the financial position of the Corporation as at March 31, 1983 and the results of its operations for the year then ended in accordance with the disclosed basis of accounting described in Note 2 to the financial statements applied on a basis consistent with that of the preceding year.

D.W. Rogers, C.A.
Auditor General

Edmonton, Alberta
July 5, 1983

Statement A
BALANCE SHEET
As at March 31, 1983

	1983	1982
ASSETS		
GENERAL		
Current:		
Cash	**$ 368,907**	$ 5,524,996
Short-term investments (Note 3)	**81,314,790**	75,461,158
Accounts receivable (Note 4)	**1,409,952**	1,359,134
Accrued interest receivable	**1,661,079**	3,017,031
Prepaid expenses	**37,217**	19,972
Due from Wildlife Damage Fund	**45,564**	36,881
Due from Feed Freight Assistance Program	**-**	43,300
	84,837,509	85,462,472
Long-term investments: (Note 3)	**7,044,871**	7,499,836
Fixed, at cost:		
Automobiles	**78,345**	77,344
Furniture and equipment	**302,297**	278,902
	380,642	356,246
	92,263,022	93,318,554
TRUST		
Schedule 3 (Note 5)	**2,664,705**	1,131,744
	$94,927,727	$94,450,298

The accompanying notes are part of these financial statements.

	1983	1982
LIABILITIES		
GENERAL		
Current:		
Accounts payable (Note 6)	**$ 1,116,715**	$ 6,471,625
Salaries and commissions payable	**261,705**	304,505
Premium refunds payable	**1,072,290**	2,735,339
Estimated indemnities payable	**708,481**	-
	3,159,191	9,511,469
Capital surplus arising from furniture, equipment and automobiles provided from income	**380,642**	356,246
Reserves:		
Crop insurance, Statement B	**78,111,173**	68,564,433
Hail insurance, Statement C	**10,612,016**	14,886,406
	88,723,189	83,450,839
	92,263,022	93,318,554
TRUST		
Schedule 3 (Note 5)	**2,664,705**	1,131,744
	$94,927,727	$94,450,298

Statement B

STATEMENT OF REVENUE, EXPENDITURE AND RESERVE - CROP INSURANCE
For The Year Ended March 31, 1983

	1983			1982
	Basic Crop Program	Honey Program	Total	
REVENUE				
Premiums charged:				
Insured persons	$34,736,983	$ 127,484	$34,864,467	$32,242,619
Province of Alberta (Note 2(b))	1,375,899	126,450	1,502,349	1,421,713
	36,112, 882	253,934	36,366,816	33,664,332
Matching portion - Government of Canada (Note 2(c))	35,807,994	-	35,807,994	33,113,421
	71,920,876	253,934	72,174,810	66,777,753
Investment income	10,913,136	-	10,913,136	9,316,057
	$82,834,012	$ 253,934	83,087,946	76,093,810
EXPENDITURE				
Indemnities	$62,545,908	$1,240,717	63,786,625	27,445,234
Less: Recoveries from the Province of Alberta (Note 2(b))	-	987,817	987,817	-
	$62,545,908	$ 252,900	62,798,808	27,445,234
Reinsurance premiums: (Note 7)				
Crop Reinsurance Fund of Canada for Alberta			5,371,199	9,934,026
Crop Reinsurance Fund of Alberta			5,371,199	4,967,013
Administration expenses, Schedule 1			4,148,631	3,423,921
			77,689,837	45,770,194
Deduct: Administration expenses charged to Province of Alberta (Note 2(d))			4,148,631	3,423,921
Surplus for the year			73,541,206	42,346,273
Reserve, beginning of year			9,546,740	33,747,537
Reserve, end of year			68,564,433	34,816,896
			$78,111,173	$68,564,433

Statement C

STATEMENT OF REVENUE, EXPENDITURE AND RESERVE - HAIL INSURANCE
For The Year Ended March 31, 1983

	1983	1982
REVENUE		
Premiums charged	**$15,328,883**	$12,923,473
Deduct: Cash discounts allowed	**325,230**	259,510
Premium refunds	**1,126,104**	2,737,236
	1,451,334	2,996,746
Premiums, net	**13,877,549**	9,926,727
Investment income	**1,819,617**	1,999,426
	15,697,166	11,926,153
EXPENDITURE		
Indemnities	**17,529,136**	6,453,454
Reinsurance premium	**-**	48,784
Administration expenses, Schedule 2	**2,442,420**	1,859,366
	19,971,556	8,361,604
Surplus (deficit) for the year	**(4,274,390)**	3,564,549
Reserve, beginning of year (Note 8)	**14,886,406**	11,321,857
Reserve, end of year	**$10,612,016**	$14,886,406

NOTES TO THE FINANCIAL STATEMENTS
March 31, 1983

Note 1 Authority

The Alberta Hail and Crop Insurance Corporation operates under the authority of the Hail and Crop Insurance Act, Chapter H-1, Revised Statutes of Alberta 1980.

Note 2 Significant Accounting Policies

(a) **General**
These financial statements have been prepared in accordance with generally accepted accounting principles except that the cost of furniture, equipment and automobiles is charged to operations in the year of acquisition. The cumulative total of furniture, equipment and automobile purchases is shown in the balance sheet with a corresponding credit shown as capital surplus.

(b) **Premiums - Province of Alberta**
(i) In accordance with Crop Insurance Regulations proclaimed pursuant to the Hail and Crop Insurance Act, the Province of Alberta pays one-half of the insured person's portion of premium costs in excess of a stipulated percentage of the dollar coverage on grain and oilseed crops.

(ii) The Province of Alberta has undertaken to underwrite the Honey Program which was initiated in 1982. To this extent, the Province matches the premiums charged to insured persons and also covers any deficit created by claims exceeding total premiums.

(c) **Premiums - Matching Portion Government of Canada**
An agreement between the Province of Alberta and the Government of Canada provides for the matching, by the Government of Canada, of crop insurance premiums collected from insured persons. The Corporation recognizes as revenue all premiums on crop policies sold during the year and, in accordance with the terms of this agreement, recognizes as revenue the matching portion of crop insurance premiums as collected.

(d) **Administration Expenses**
The agreement between the Province of Alberta and the Government of Canada providing for the matching of crop insurance premiums by the Government of Canada, also stipulates that all administration expenses relating to the crop insurance program will be met by the Province of Alberta. Certain of these costs are common to both the crop insurance and hail insurance programs and are allocated to the relative programs on the basis of the number of insurance contracts processed in the year. Certain office accommodations are provided by the Province of Alberta at no charge and accordingly their costs are not reflected in these financial statements.

(e) **Changes in Financial Position**
A statement of changes in financial position is not provided as disclosure in these financial statements is considered to be adequate.

Note 3 Investments

Investments are recorded at cost and are summarized as follows:

	1983		1982	
	Short-term	Long-term	Short-term	Long-term
Bonds and debentures:				
Government of Canada direct and guaranteed	$ -	$1,328,389	$ -	$1,317,000
Provincial direct and guaranteed	234,863	3,723,237	-	3,914,111
Municipal	69,930	199,852	34,750	265,950
Guaranteed investment certificates and term deposits	81,009,997	1,793,393	75,426,408	2,002,775
	$81,314,790	$7,044,871	$75,461,158	$7,499,836
Approximate market value at March 31	$81,307,712	$6,202,506	$76,581,156	$5,279,031

Note 4 Accounts Receivable

Accounts receivable consist of the following:

	1983	1982
Premiums	$1,392,822	$1,346,901
Sundry	17,130	12,233
	$1,409,952	$1,359,134

Note 5 Trust Funds

The Corporation is responsible for the administration of various agricultural related programs of the Province of Alberta and the Government of Canada. These are summarized on Schedules 3 and 4.

Note 6 Accounts Payable

Accounts payable consist of the following:

	1983	1982
Operating accounts	$ 131,925	$ 72,778
Province of Alberta	748,209	1,040,944
Crop Reinsurance Fund of Alberta	89,936	4,967,013
Crop Reinsurance Fund of Canada for Alberta	146,645	390,890
	$1,116,715	$6,471,625

Note 7 Reinsurance

Crop

In accordance with the terms of the agreement between the Province of Alberta and the Government of Canada, the Corporation is liable for reinsurance premiums to the Crop Reinsurance Fund of Alberta and the Crop Reinsurance Fund of Canada for Alberta. These premiums are based on premiums collected plus the matching portion paid by the Government of Canada. The balances in these funds, as at March 31, which are available to pay indemnities, are as follows:

	1983	1982
Crop Reinsurance Fund of Alberta	$31,827,321	$26,456,122
Crop Reinsurance Fund of Canada for Alberta	47,613,750	42,242,551
	$79,441,071	$68,698,673

Note 8 Appropriation from Reserves - Hail

A special dividend reserve amounting to $1,000,000 was established prior to 1982 to cover any deficit from hail insurance operations as a result of premium refunds made in any insurance year. The amount available for this purpose in any one year was the lesser of:

(i) the amount of the deficit incurred and

(ii) the amount of the premium refund.

The full amount of this dividend reserve was required to cover the current year's premium refunds.

Note 9 Comparative Figures

The 1982 figures have been restated where necessary to conform to 1983 presentation.

Note 10 Approval of Financial Statements

These financial statements were approved by management on July 5, 1983.

Schedule 1

SCHEDULE OF ADMINISTRATION EXPENSES - CROP INSURANCE

For The Year Ended March 31, 1983

	1983	1982
Salaries and employee benefits	$1,743,203	$1,535,695
Adjusters' wages and expenses	1,109,171	784,055
Fieldmen's wages and expenses	386,844	348,792
Data processing	150,314	108,482
Collection commissions and expenses	132,754	125,944
Printing, stationery and office supplies	112,029	81,797
Advertising	108,858	96,543
Office rental costs	81,626	74,442
Directors' fees and expenses	70,383	93,806
Postage and freight	69,074	52,080
Travel and automobile expenses	51,976	38,223
Telephone	44,553	33,165
Furniture and equipment	42,586	25,562
Research	17,997	6,716
Grain grading costs	15,327	11,686
Bonds and insurance	6,540	4,098
Miscellaneous	5,396	2,835
	$4,148,631	$3,423,921

Schedule 2

SCHEDULE OF ADMINISTRATION EXPENSES - HAIL INSURANCE

For The Year Ended March 31, 1983

	1983	1982
Agents' commissions	$1,448,481	$1,228,806
Salaries and employee benefits	357,269	299,153
Adjusters' wages and expenses	335,219	113,089
Data processing	67,255	45,536
Collection commissions and expenses	59,825	27,315
Advertising	53,123	45,542
Directors' fees and expenses	30,164	38,315
Printing, stationery and office supplies	27,858	21,484
Postage and freight	21,644	16,751
Travel and automobile expenses	18,252	13,170
Furniture and equipment	15,186	3,729
Telephone	4,190	3,617
Bonds and insurance	2,803	1,674
Miscellaneous	1,151	1,185
	$2,442,420	$1,859,366

Schedule 3

SCHEDULE OF TRUST ASSETS AND LIABILITIES

As At March 31, 1983

	1983	1982
ASSETS		
Wildlife Damage Fund:		
Cash	$ 560	$ 24,999
Due from Province of Alberta	725,836	9,095
Accrued interest receivable	3	2,787
	726,399	36,881
Feed Freight Assistance Program:		
Cash	-	1,083,558
Accrued interest receivable	-	11,305
	-	1,094,863
Northern Drought Disaster Crop Advance Assistance Program:		
Cash	1,923,097	-
Accrued interest receivable	15,209	-
	1,938,306	-
	$2,664,705	$1,131,744
LIABILITIES		
Wildlife Damage Fund:		
Claims payable	$ 666,158	$ -
Accounts payable	14,677	-
Due to general	45,564	36,881
	726,399	36,881
Feed Freight Assistance Program:		
Due to general	-	43,300
Unexpended funds	-	1,051,563
	-	1,094,863
Northern Drought Disaster Crop Advance Assistance Program:		
Claim advances and accounts payable	229,570	-
Unexpended funds	1,708,736	-
	1,938,306	-
	$2,664,705	$1,131,744

Schedule 4

SCHEDULE OF TRUST REVENUE, EXPENDITURE AND UNEXPENDED FUNDS

For The Year Ended March 31, 1983

	1983	1982
Wildlife Damage Fund:		
Revenue		
Contributions from the Province of Alberta	$ 725,836	$ 559,096
Prior year claim overpayments recovered	560	-
Interest income	4,465	7,371
	730,861	566,467
Expenditure		
Claims	666,158	516,071
Administration expenses	64,703	50,396
	730,861	566,467
Excess of revenue over expenditure	-	-
Unexpended funds, beginning of year	-	-
Unexpended funds, end of year	$ -	$ -
Feed Freight Assistance Program:		
Revenue		
Contributions from the Province of Alberta	$ 1,824,311	$1,953,657
Interest income	33,406	112,389
	1,857,717	2,066,046
Expenditure		
Claims	2,836,880	1,817,526
Administration expenses	70,861	43,300
Surplus funds returned to the Province of Alberta	1,539	-
	2,909,280	1,860,826
Excess of revenue over expenditure	(1,051,563)	205,220
Unexpended funds, beginning of year	1,051,563	846,343
Unexpended funds, end of year	$ -	$1,051,563
Northern Drought Disaster Crop Advance Assistance Program:		
Revenue		
Contributions from the Province of Alberta	$19,000,000	$ -
Interest income	179,863	-
	19,179,863	-
Expenditure		
Advances to claimants (see Note)	17,186,900	-
Adjusting expenses	218,594	-
Administration expenses	65,633	-
	17,471,127	-
Excess of revenue over expenditure being unexpended funds, end of year	$ 1,708,736	$ -

Note: Advances to claimants are forgiveable at the rate of ⅓ per year for each of the 3 succeeding years in which the claimant carries crop insurance with the Corporation.

APPENDIX A

Alberta Hail Insurance Program

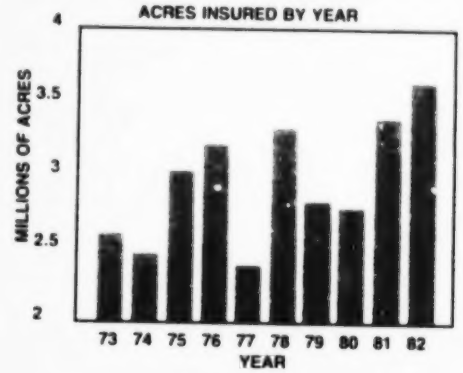
COMPARATIVE HAIL INSURANCE STATISTICS

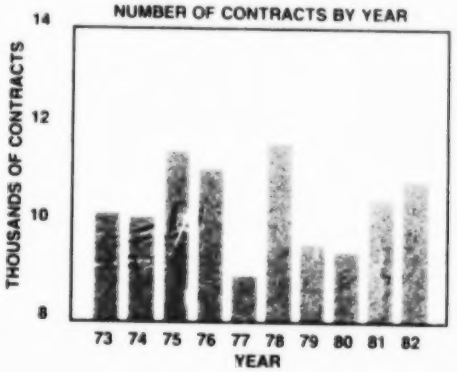
	1980	1981	1982	45-YEAR AVERAGE
Applications Received	9,543	10,636	**10,621**	
Acreage Insured	2,803,435	3,425,813	**3,669,500**	2,396,818
Actual Risk Written	$158,543,623	$224,898,138	**$262,552,900**	$ 45,382,367
Net Premium Income	$ 9,281,868	$ 13,193,649	**$ 15,123,405**	$ 2,894,015
No. of Days with Hail	47	43	**35**	51.3
Claims Received	3,132	1,491	**2,361**	2,096
Awards Paid	$ 6,278,656	$ 6,884,778	**$ 17,522,054**	$ 2,107,461
Loss-to-Risk Ratio	3.96%	3.06%	**6.67%**	4.64%
Loss-to-Premium Ratio	67.6%	52.18%	**115.9%**	72.82%

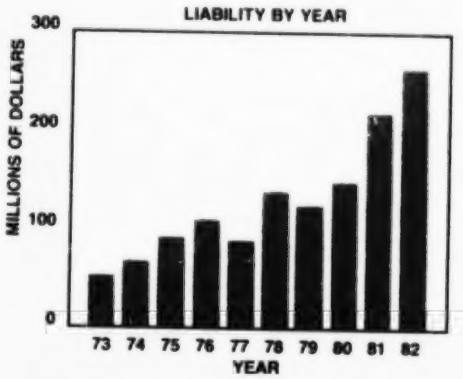
"EASTERN IRRIGATION DISTRICT" - HAIL AGREEMENT

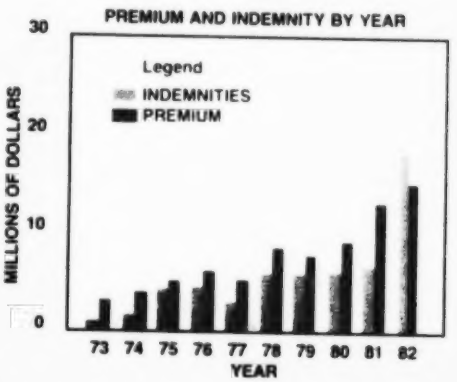
	1980	1981	1982	1974-1982 CUMULATIVE TOTAL
Acreage Insured	196,758	198,293	**204,444**	1,688,115
Full Cover Liability	$ 1,092,007	$ 1,229,416	**$ 1,471,996**	$ 8,524,719
Actual Liability	$ 982,806	$ 1,106,475	**$ 1,324,797**	$ 7,672,247
Premium	$ 32,465	$ 32,718	**$ 39,866**	$ 277,992
Losses	$ 4,744	$ 67,040	**$ 6,629**	$ 109,496
Loss-to-Premium Ratio	14.61%	204.90%	**16.63%**	39.39%

Hail Insurance Program









APPENDIX B

Canada - Alberta Crop Insurance Program

COMPARATIVE CROP INSURANCE STATISTICS

1982 PARTICIPATION AND EXPERIENCE FOR GRAIN AND OILSEED CROPS

RISK AREA	NO. OF POLICYHOLDERS	BASIC CROP ADJUSTED LIABILITY	BASIC CROP PREMIUM*	NO. OF BASIC CROP CLAIMS PAID	BASIC CROP LOSSES PAID	BASIC CROP L/P RATIO	POLICYHOLDERS WITH HAIL ENDORSEMENT
		$'000	$'000		$'000		
1	1,050	$ 49,720	$ 3,103	226	$ 1,902	61.29%	992
2	1,047	41,505	2,932	181	2,045	69.74	955
3	1,308	52,791	4,636	205	1,871	40.36	1,155
4	1,233	38,159	3,069	112	534	17.43	920
5	2,654	109,423	6,141	221	1,780	29.00	2,347
6	1,849	54,232	2,922	458	3,888	133.06	1,802
7	849	13,812	1,155	216	963	83.40	789
8	3,281	78,762	6,227	739	3,316	53.25	2,776
9	515	7,429	1,034	192	969	93.72	424
10	1,011	13,907	1,540	295	1,065	69.18	835
11	1,912	40,503	6,378	1,185	10,873	170.48	1,373
12	1,443	45,759	4,858	185	1,214	24.99	1,162
13	99	879	152	41	119	78.74	94
14	67	497	102	32	70	68.52	47
	18,318	$547,378	$44,249	4,288	$30,609	69.17%	15,671

CUMULATIVE EXPERIENCE FOR GRAIN AND OILSEED CROPS

(1965-1982 Inclusive for Basic Crop; 1973-1982 Inclusive for Hail Endorsement)

RISK AREA	BASIC CROP ADJUSTED LIABILITY	BASIC CROP PREMIUM*	BASIC CROP LOSSES PAID	BASIC CROP L/P RATIO
	$'000	$'000	$'000	
1	$ 254,887	$ 16,783	$ 11,086	66.05%
2	277,641	21,218	12,854	60.58
3	270,888	30,514	15,536	50.92
4	230,405	20,360	12,918	63.45
5	677,707	41,458	21,875	52.76
6	284,331	19,592	11,024	56.27
7	69,732	6,580	4,142	62.95
8	461,667	42,575	26,370	61.94
9	45,672	7,869	5,423	68.92
10	91,689	10,854	7,837	72.20
11	253,749	40,372	35,586	88.14
12	214,507	25,748	13,429	52.16
13	4,357	852	552	64.86
14	3,356	782	575	73.56
	$3,140,588	$285,557	$179,207	62.75%

*Includes Federal Contribution and Provincial High Risk Subsidies.

HAIL ENDORSEMENT LIABILITY	HAIL ENDORSEMENT PREMIUM*	NO. OF HAIL ENDORSEMENT CLAIMS PAID	HAIL ENDORSEMENT LOSSES PAID	HAIL ENDORSEMENT L/P RATIO	TOTAL PREMIUM*	TOTAL LOSSES	TOTAL L/P RATIO
$'000	$'000		$'000		$'000	$'000	
$ 43,853	$ 2,099	125	$ 1,236	58.89%	$ 5,202	$ 3,138	60.32%
35,854	1,591	245	3,761	236.30	4,523	5,806	128.36
45,291	2,096	266	3,343	159.46	6,732	5,214	77.45
30,674	1,778	210	1,356	76.29	4,847	1,890	38.99
92,749	6,723	521	3,957	58.87	12,864	5,737	44.60
50,511	4,182	824	8,612	205.93	7,104	12,500	175.96
12,837	716	119	659	91.93	1,871	1,622	86.69
64,873	2,977	851	7,820	262.69	9,204	11,136	120.99
6,058	226	37	103	45.64	1,260	1,072	85.08
11,632	602	69	227	37.81	2,142	1,292	60.32
27,949	1,049	45	73	7.02	7,427	10,946	147.38
37,298	1,603	124	605	37.77	6,461	1,819	28.15
740	43	10	32	76.04	195	151	77.44
339	11	2	3	35.10	113	73	154.80
$460,658	$25,696	3,448	$31,787	123.70%	$69,945	$62,396	89.20%

HAIL ENDORSEMENT LIABILITY	HAIL ENDORSEMENT PREMIUM*	HAIL ENDORSEMENT LOSSES PAID	HAIL ENDORSEMENT L/P RATIO	TOTAL PREMIUM*	TOTAL LOSSES	TOTAL L/P RATIO
$'000	$'000	$'000		$'000	$'000	
$ 198,336	$ 9,216	$ 7,783	84.45%	$ 25,999	$ 18,869	72.58%
184,615	7,806	9,145	117.16	29,024	21,999	75.80
202,597	9,258	9,988	107.89	39,772	25,524	64.18
147,714	8,200	8,143	99.30	28,560	21,061	73.74
438,882	31,077	22,903	73.70	72,539	44,778	61.73
218,015	17,820	19,302	108.31	37,412	30,326	81.06
55,189	3,180	2,778	87.37	9,760	6,920	70.90
303,421	13,555	14,872	109.72	56,130	41,242	73.48
30,963	1,088	757	69.59	8,957	6,180	69.00
56,664	3,026	1,795	59.33	13,880	9,632	69.40
141,610	5,023	2,674	53.24	45,395	38,260	84.28
158,794	6,966	4,856	69.71	32,714	18,285	55.89
3,383	175	168	96.30	1,027	720	70.11
2,040	58	31	53.34	840	606	72.14
$2,142,223	$116,448	$105,195	90.33%	$402,009	$284,402	70.74%

1982 SUMMARY OF EXPERIENCE FOR GRAIN AND OILSEED CROPS (Excluding the Hail Endorsement)

CROP	PREMIUM*	LOSS	L/P RATIO
Spring Wheat	$17,410,933	$10,303,322	59.18%
Oats	1,940,341	1,056,005	54.42
Barley	14,867,528	9,644,200	64.87
Flax	421,765	509,020	120.69
Fall Rye	182,915	133,081	72.76
Rapeseed	5,974,904	7,205,965	120.60
Spring Rye	38,227	10,150	26.55
Mustard	132,136	93,572	70.81
Mixed Grain	230,633	122,573	53.15
Winter Wheat	245,183	202,072	82.42
Utility Wheat	217,136	217,865	100.34
Durum Wheat	1,608,650	587,207	36.50
Soft White Spring Wheat	558,565	279,348	50.01
TOTAL	$43,828,916	$30,364,380	69.28%

CUMULATIVE EXPERIENCE FOR GRAIN AND OILSEED CROPS — 1965 - 1982 Inclusive (Excluding the Hail Endorsement)

CROP**	PREMIUM*	LOSS	L/P RATIO
Spring Wheat	$112,427,436	$63,581,129	56.55%
Oats	16,695,420	13,642,929	81.72
Barley	94,656,889	62,363,352	65.88
Flax	2,564,640	1,994,981	77.79
Fall Rye	791,694	304,402	38.45
Rapeseed	45,487,123	29,481,601	64.81
Spring Rye	135,733	52,871	38.95
Mustard	1,067,746	545,315	51.07
Mixed Grain	1,556,758	1,344,001	86.33
Winter Wheat	1,636,027	783,047	47.86
Utility Wheat	1,753,975	1,264,992	72.12
Durum Wheat	4,816,246	1,175,431	24.41
Soft White Spring Wheat	558,565	279,348	50.01
TOTAL	$284,148,252	$176,813,399	62.23%

** By Crops, Insurance Was First Offered As Follows: -
1965 - Wheat, Oats and Barley,
1969 - Rapeseed,
1971 - Flaxseed,
1974 - Fall Rye,
1975 - Winter Wheat, Spring Rye, Mustard and Mixed Grain,
1976 - Utility Wheat
1980 - Durum Wheat
1982 - Soft White Spring Wheat

* Includes Federal Contribution and Provincial High Risk Subsidies

1982 INSURED ACREAGE FOR GRAIN AND OILSEED CROPS

RISK AREA	WHEAT	OATS	BARLEY	FLAX	FALL RYE	SPRING RYE	RAPESEED
1	190,808	12,718	359,374	6,207	7,366	15	26,603
2	259,493	3,635	122,248	11,839	5,878	-	19,059
3	329,895	1,999	36,668	9,304	3,459	478	4,431
4	347,456	29,798	80,695	8,161	1,984	1,260	47,388
5	501,681	33,081	530,486	9,220	10,960	85	137,966
6	43,777	25,445	462,793	95	851	182	111,640
7	22,415	25,789	121,578	771	35	-	17,055
8	438,044	73,415	347,758	4,318	803	2,457	271,795
9	24,372	8,899	61,748	410	-	-	22,081
10	31,776	27,722	140,739	448	-	239	20,638
11	228,093	19,668	270,396	4,505	114	-	153,666
12	511,288	34,309	19,434	2,505	2,790	4,088	528
13	2,409	3,197	7,833	-	-	-	1,767
14	2,122	1,999	4,648	-	-	-	662
Province	2,933,629	301,674	2,566,398	57,783	34,240	8,804	835,279

RISK AREA	MUSTARD	MIXED GRAIN	DURUM WHEAT	WINTER WHEAT	SOFT WHITE SPRING WHEAT	UTILITY WHEAT	RISK AREA TOTAL
1	9,521	1,510	20,165	14,629	557	2,853	652,326
2	5,070	444	65,540	9,815	10,527	9,502	523,050
3	5,318	463	98,453	10,742	46,934	4,501	552,645
4	2,010	3,953	2,519	-	-	1,550	526,774
5	4,193	2,821	4,161	-	2,740	14,659	1,252,053
6	-	4,845	195	-	-	245	650,068
7	-	3,744	-	-	-	18	191,405
8	-	6,892	90	-	-	1,450	1,147,022
9	-	450	-	-	-	-	117,960
10	-	1,984	-	-	-	-	223,546
11	-	225	-	-	140	-	676,807
12	-	5,571	60,431	-	7,655	305	648,904
13	-	511	-	-	-	-	15,717
14	-	-	-	-	-	-	9,431
Province	26,112	33,413	251,554	35,186	68,553	35,083	7,187,708

1982 SUMMARY OF EXPERIENCE FOR SPECIAL CROPS

CROP	NO. OF INSUREDS	ACRES INSURED	BASIC PREMIUM*	BASIC LIABILITY	NO. OF LOSSES	BASIC LOSSES	BASIC L/P RATIO	HAIL ENDORSEMENT NO. OF INSUREDS
Seed Peas	40	2,905	$ 41,645	$ 410,236	5	$ 18,905	45.40%	40
Dry Beans	94	7,009	178,795	1,640,405	20	157,518	88.10	72
Potatoes	22	3,734	141,921	2,646,882	1	15,492	10.92	19
Grain Corn	15	2,641	62,986	594,593	3	42,033	66.73	12
	171	16,289	$425,347	$5,292,116	29	$233,948	55.00%	143

CUMULATIVE SUMMARY OF EXPERIENCE FOR SPECIAL CROPS

(Seed Peas, Dry Beans 1976-1982; Potatoes 1975-1982; Grain Corn 1981-1982)

CROP	NO. OF INSUREDS	ACRES INSURED	BASIC PREMIUM*	BASIC LIABILITY	NO. OF LOSSES	BASIC LOSSES	BASIC L/P RATIO	HAIL ENDORSEMENT NO. OF INSUREDS
Seed Peas	200	11,995	$ 125,250	$1,199,730	5	$ 25,594	20.43%	156
Dry Beans	471	35,892	667,545	6,695,559	35	520,847	78.02	236
Potatoes	170	22,281	428,859	8,162,878	5	255,001	59.46	106
Grain Corn	32	6,017	142,960	1,403,587	4	46,615	32.61	28
	873	76,185	$1,364,614	$17,461,754	49	$848,057	62.14%	526

1982 SUMMARY OF EXPERIENCE FOR VEGETABLE CROPS

CROP	NO. OF INSUREDS	ACRES INSURED	PREMIUM*	LIABILITY	NO. OF LOSSES	LOSSES	L/P RATIO
Peas	85	2,611.5	$136,457	$1,526,760	29	$357,399	261.91%
Beans	15	364.5	14,874	130,601	5	9,587	64.46
Corn	28	2,780.0	100,724	745,040	3	50,982	50.62
Carrots	3	70.4	5,213	35,622	0	-	-
	131	5,826.4	$257,268	$2,438,023	37	$417,968	162.46%

CUMULATIVE SUMMARY OF EXPERIENCE FOR VEGETABLE CROPS

Peas 1968-1982; Beans 1971-1982; Corn 1973-1982; Carrots 1979-1982

CROP	NO. OF INSUREDS	ACRES INSURED	PREMIUM*	LIABILITY	NO. OF LOSSES	LOSSES	L/P RATIO
Peas	1,106	56,622.8	$ 850,217	$8,612,645	141	$ 832,900	97.96%
Beans	202	6,754.0	188,483	1,211,238	42	120,426	63.89
Corn	349	22,598.0	392,393	3,772,562	63	416,999	106.27
Carrots	14	319.4	17,722	94,835	1	893	5.04
	1,671	86,294.2	$1,448,815	$13,691,280	247	$1,371,218	94.64%

*Includes Federal Contribution

HAIL ENDORSEMENT PREMIUM*	HAIL ENDORSEMENT LIABILITY	NO. OF LOSSES	HAIL ENDORSEMENT LOSSES	HAIL ENDORSEMENT L/P RATIO	TOTAL PREMIUM	TOTAL LOSSES	TOTAL L/P RATIO
$ 21,459	$ 410,235	2	$ 8,432	39.29%	$ 63,104	$ 27,337	43.32%
61,414	1,253,036	11	50,026	81.46	240,209	207,544	86.40
158,166	2,469,133	3	117,524	74.30	300,087	133,016	44.33
28,017	533,717	3	26,717	95.36	91,003	68,750	75.55
269,056	4,666,121	19	202,699	75.33%	694,403	436,647	62.88%

HAIL ENDORSEMENT PREMIUM*	HAIL ENDORSEMENT LIABILITY	NO. OF LOSSES	HAIL ENDORSEMENT LOSSES	HAIL ENDORSEMENT L/P RATIO	TOTAL PREMIUM	TOTAL LOSSES	TOTAL L/P RATIO
$ 65,835	$ 1,111,543	18	$ 43,123	65.50%	$ 191,085	$ 68,717	35.96%
200,134	3,821,513	43	309,696	154.74	867,679	830,543	95.74
466,647	7,356,558	17	472,525	101.26	895,506	727,526	81.24
71,610	1,279,126	3	26,717	37.31	214,570	73,332	34.18
$804,226	$13,568,740	81	$852,061	105.94%	$2,168,840	$1,700,118	78.38%

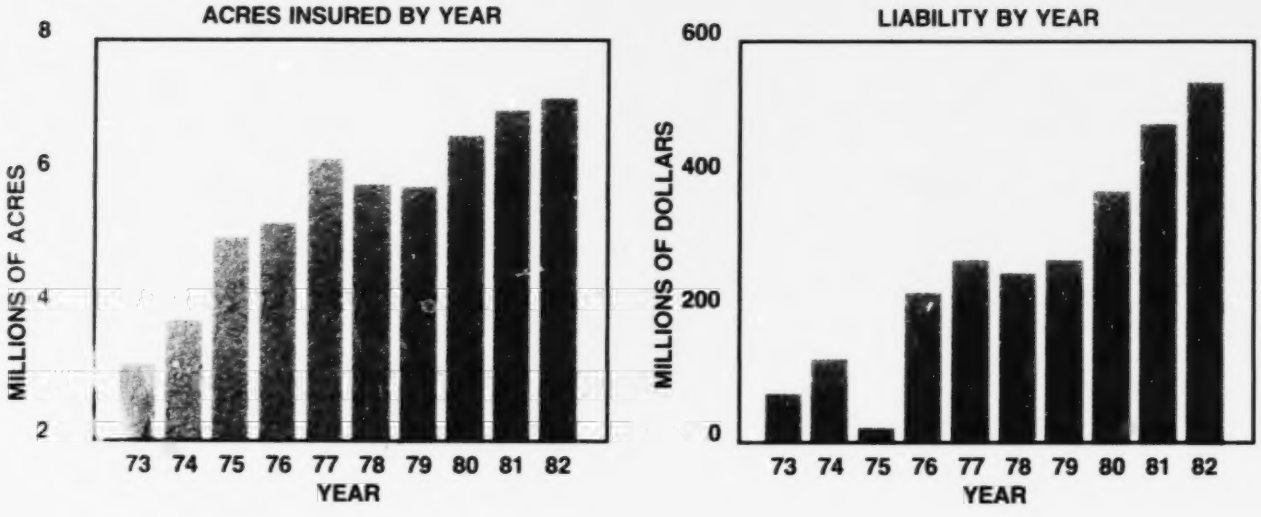
HAIL ENDORSEMENT IS NOT AVAILABLE FOR VEGETABLE CROPS

SUMMARY OF EXPERIENCE FOR BASIC PROGRAM AND HAIL ENDORSEMENT FOR ALL CROPS BY YEAR

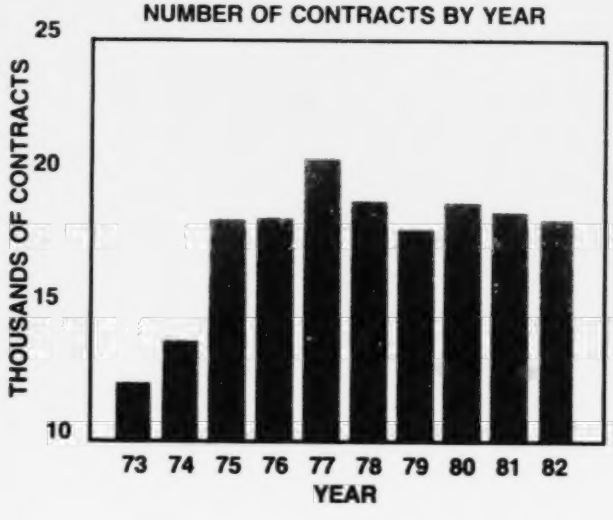
(Hail Endorsement available since 1973)

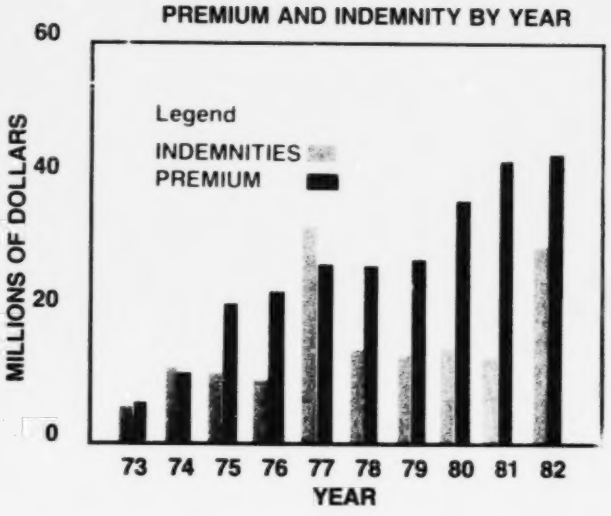
YEAR	NO. OF INSUREDS	ACRES INSURED '000	TOTAL LIABILITY '000	—PREMIUMS PAID BY INSUREDS— BASIC '000	HAIL ENDORSEMENT '000	TOTAL '000
1965	1,312	250	$ 3,232	$ 218		$ 218
66	4,408	991	13,460	753		753
67	9,892	2,271	36,857	1,930		1,930
68	15,763	3,910	63,950	3,449		3,449
69	16,201	3,561	57,105	3,135		3,135
70	12,856	2,306	31,941	2,102		2,102
71	11,323	2,429	33,310	2,173		2,173
72	10,202	2,314	37,073	2,146		2,146
73	12,296	3,201	73,399	2,830	$ 1,165	3,995
74	13,883	3,838	125,863	5,255	1,974	7,229
75	18,685	5,113	215,976	10,328	3,371	13,699
76	18,580	5,343	229,289	11,484	3,790	15,274
77	20,878	6,301	279,520	13,631	4,846	18,476
78	19,258	5,908	259,967	13,466	4,756	18,222
79	18,253	5,882	280,471	14,069	5,567	19,636
80	18,862	6,640	381,048	18,150	8,568	26,718
81	18,638	7,009	483,148	21,361	11,223	32,584
82	18,323	7,204	547,384	22,127	12,851	34,978
	259,613	74,471	$3,152,993	$148,607	$58,111	$206,717

Crop Insurance Program



—PREMIUMS PAID BY CANADA— BASIC '000	HAIL ENDORSEMENT '000	TOTAL '000	TOTAL PREMIUMS '000	—INDEMNITIES— BASIC '000	HAIL ENDORSEMENT '000	TOTAL '000	L/P RATIO
$ 73		$ 73	$ 291	$ 48		$ 48	16.49%
251		251	1,004	315		315	31.37
643		643	2,573	1,200		1,200	46.64
1,150		1,150	4,598	5,508		5,508	119.79
1,045		1,045	4,180	6,298		6,298	150.63
699		699	2,801	1,699		1,699	60.67
753		753	2,926	2,410		2,410	82.37
656		656	2,802	2,119		2,119	75.62
2,830	$ 1,165	3,995	7,990	5,671	$ 765	6,436	80.55
5,255	1,974	7,229	14,458	11,695	2,111	13,806	95.49
10,329	3,371	13,700	27,399	11,284	7,072	18,320	66.86
11,485	3,790	15,275	30,549	9,692	6,808	16,500	54.01
13,632	4,846	18,478	36,954	33,225	4,905	38,130	103.18
13,466	4,756	18,222	36,444	14,791	7,895	22,686	62.25
14,069	5,567	19,636	39,272	14,129	12,717	26,846	68.35
18,150	8,568	26,718	53,436	14,741	17,285	32,026	59.93
21,361	11,223	32,584	65,168	13,110	13,680	26,790	41.11
22,127	12,851	34,978	69,956	30,615	31,796	62,411	89.22
$137,974	$58,111	$196,085	$402,801	$178,550	$105,034	$283,548	70.22%



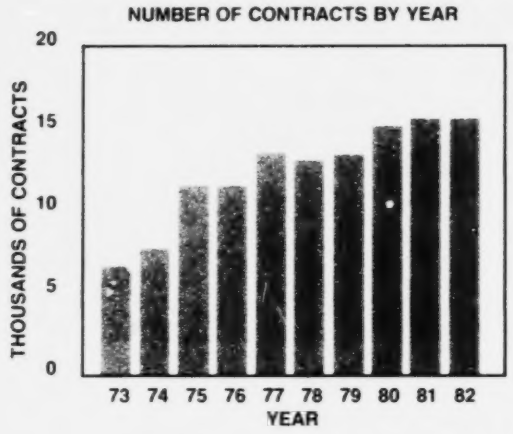


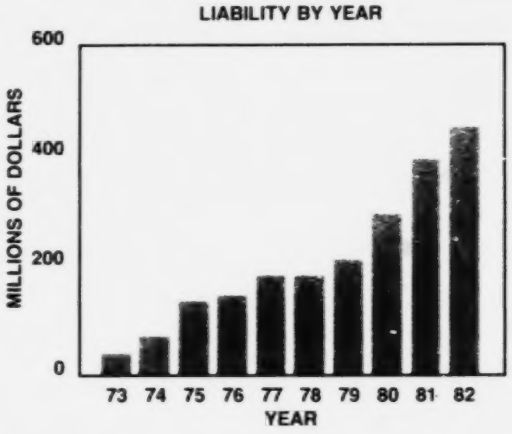
1982 HAIL ENDORSEMENT EXPERIENCE BY GRAIN AND OILSEED CROPS

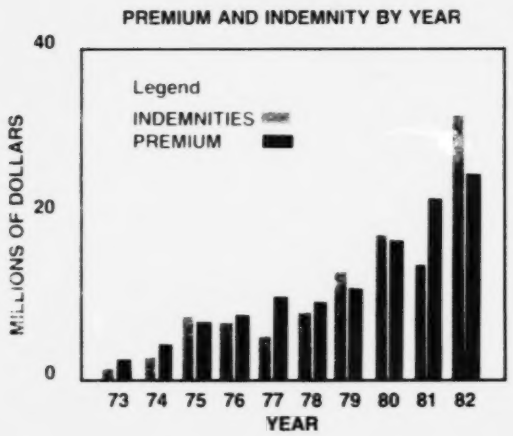
CROP	ACRES	TOTAL RISK	TOTAL PREMIUM*	TOTAL LOSS	HARVEST ALLOWANCE	L/R	L/P
Spring Wheat	2,387,015	$185,123,491	$ 8,949,684	$ 9,534,296	$171,665	5.15%	106.53%
Oats	234,808	11,513,624	607,610	631,035	10,105	5.48	103.86
Barley	2,209,336	161,746,073	9,378,207	12,713,515	210,387	7.86	135.56
Flax	49,714	4,099,562	214,740	210,849	7,526	5.14	98.19
Fall Rye	31,021	1,909,029	111,921	116,330	1,543	6.09	103.94
Rapeseed	732,307	55,419,098	4,479,275	6,065,784	131,559	10.95	135.42
Spring Rye	7,581	231,163	9,425	30,714	1,446	13.29	325.88
Mustard	20,467	1,318,857	85,222	48,420	472	3.67	56.82
Mixed Grain	28,319	1,596,142	88,260	104,059	1,637	6.52	117.90
Winter Wheat	32,894	2,869,404	115,811	37,086	0	1.29	32.02
Utility Wheat	30,979	2,814,517	147,571	192,576	3,310	6.84	130.50
Durum Wheat	218,874	16,482,048	698,190	897,263	13,232	5.44	128.51
Soft Spring	66,996	10,876,028	548,018	1,011,236	26,476	9.30	184.53
	6,050,311	$455,999,036	$25,433,934	$31,593,163	$579,358	6.92%	124.21%

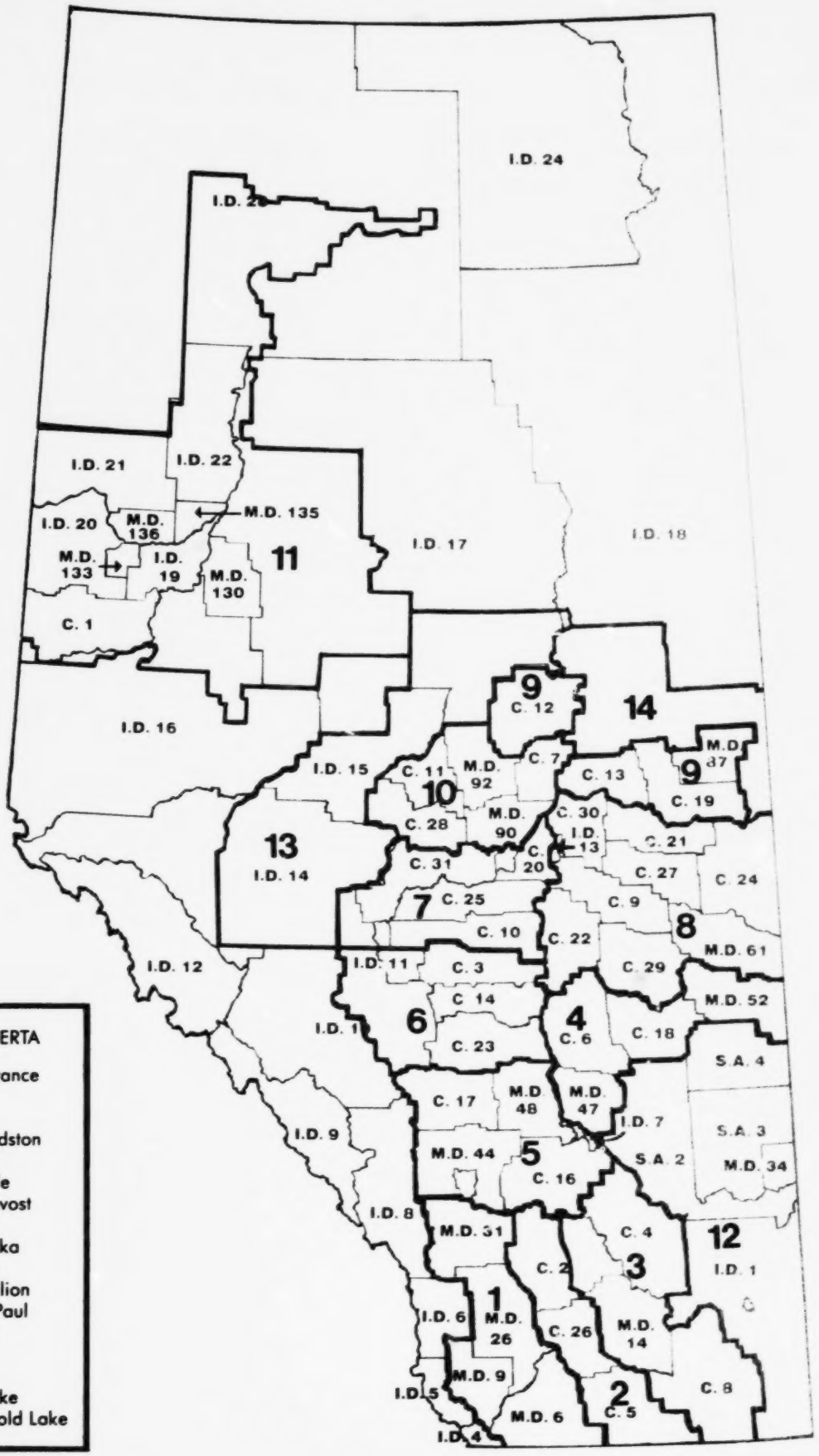
*Includes Federal Contribution

Hail Endorsement to the Crop Insurance Program









PROVINCE OF ALBERTA

Showing Crop Insurance Risk Areas

1. High River - Cardston
2. Vulcan - Warner
3. Taber - Forty Mile
4. Drumheller - Provost
5. Calgary North
6. Red Deer - Ponoka
7. Edmonton South
8. Camrose - Vermilion
9. Athabasca - St. Paul
10. Edmonton North
11. Peace River
12. Special Areas
13. Edson - Slave Lake
14. Lac La Biche - Cold Lake

POOR

QUALITY

ORIGINAL